

DOCKET #217623US-2S DIV

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :

Hideo ANDO et al. : ATTN: APPLICATION DIVISION

SERIAL NO: New Divisional Application :

FILED: Herewith : EXAMINER: Unassigned

FOR: INFORMATION RECORDING METHOD AND INFORMATION REPRODUCING
METHOD

PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Preliminary to the examination of the above-referenced application, please amend the application as follows:

Please cancel claims 1-24 without prejudice.

Please add claims 25-27 as shown below.

25. (New) An information recording/reproducing medium in which a first file group and a second file group are recorded, comprising:

a video file provided in the first file group and including video data;

an audio file provided in the first file group and including audio data;

a main management file provided in the first file group and including video or audio management information for use in managing the video data in the video file or the audio data in the audio file, the main management file including program chain information which designates a reproduction order of data units in the video data or the audio data;

a back-up management file provided in the first file group and having the same

contents as the main management file, the back-up management file having program chain information recorded therein, which has the same contents as the program chain information recorded in the main management file, the program chain information in the main management file and that in the back-up management file being updated when the video data or audio data is updated; and

root directory information recorded in an area different from areas where the first and second file groups are located, the root directory information containing entry information for each of the files in the second file group when said each of the files in the second file group is accessed.

26. (New) An information recording method of recording information on an information recording medium having a first file group recording portion and a second file group recording portion, the information recording method comprising steps of:

recording a video file including video data in the first file group portion;

recording an audio file including audio data in the first file group portion;

recording a main management file in the first file group recording portion, the main management file including video or audio management information for use in managing the video data in the video file or the audio data in the audio file, the main management file including program chain information which designates a reproduction order of data units in the video data or the audio data;

recording a back-up management file in the first file group recording portion, the back-up management file having the same contents as the main management file, the back-up management file having program chain information recorded therein, which has the same contents as the program chain information recorded in the main management file, the program chain information in the main management file and that in the back-up management

file being updated when the video data or audio data is updated; and

recording root directory information recorded in an area different from areas where first and second file groups are located, the root directory information having entry information for each of the files in the second file groups when said each of the files in the second file group is accessed.

27. (New) An information recording apparatus for recording information on an information recording medium having a first file group recording portion and a second file group recording portion, the information recording apparatus comprising:

video file recording means for recording a video file including video data in the first file group portion;

audio file recording means for recording an audio file including audio data in the first file group portion;

main management file recording means for recording a main management file in the first file group recording portion, the main management file including video or audio management information for use in managing the video data in the video file or the audio data in the audio file, the main management file including program chain information which designates a reproduction order of data units in the video data or the audio data;

back-up management file recording means for recording a back-up management file in the first file group recording portion, the back-up management file having the same contents as the main management file, the back-up management file having program chain information recorded therein, which has the same contents as the program chain information recorded in the main management file, the program chain information in the main management file and that in the back-up management file being updated when the video data or audio data is updated; and

root directory information recording means for recording root directory information in an area different from areas where the first and second files are located, the root directory information containing entry information for each of the files in the second file group when said each of the files in the second file group is accessed.

REMARKS

Favorable consideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 25-27 are presently active in this case, original claims 1-24 having been canceled by way of the present amendment.

Accordingly, examination on the merits of claims 25-27 are believed to be in order, and an early and favorable action is respectfully requested.

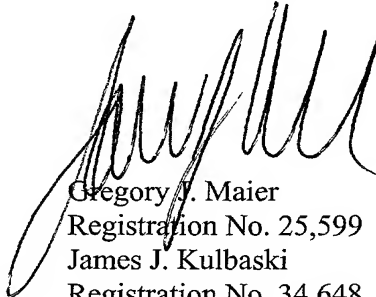
Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



22850

Telephone: (703) 413-3000
Facsimile: (703) 413-2220


Gregory J. Maier
Registration No. 25,599
James J. Kulbaski
Registration No. 34,648
Attorneys of Record

GJM:JJK:DHS:cbf

I:\atty\dhs\Suzuye\Divisionals\217623\217623.pa.wpd